

Fig. 1A

SEQ ID NO:7 1 MVQKSRNGGVYPGPSGEKKLVGVFGLDPGAPDSTRDGALLIAGSEAPKRGSI LSKPRAG  
SEQ ID NO:2 1 MVQKSRNGGVYPGPSGEKKLVGVFGLDPGAPDSTRDGALLIAGSEAPKRGSI LSKPRAG  
SEQ ID NO:4 1 MVQKSRNGGVYPGPSGEKKLVGVFGLDPGAPDSTRDGALLIAGSEAPKRGSI LSKPRAG  
SEQ ID NO:6 1 MVQKSRNGGVYPGPSGEKKLVGVFGLDPGAPDSTRDGALLIAGSEAPKRGSI LSKPRAG  
\*\*\*\*\*  
SEQ ID NO:7 61 GAGAGKPPKRNAFYRKLQNF LYNVLERPRGWAFIYHAYVFLLVFSC LVLVSFSTIKEYEK  
SEQ ID NO:2 61 GAGAGKPPKRNAFYRKLQNF LYNVLERPRGWAFIYHAYVFLLVFSC LVLVSFSTIKEYEK  
SEQ ID NO:4 61 GAGAGKPPKRNAFYRKLQNF LYNVLERPRGWAFIYHAYVFLLVFSC LVLVSFSTIKEYEK  
SEQ ID NO:6 61 GAGAGKPPKRNAFYRKLQNF LYNVLERPRGWAFIYHAYVFLLVFSC LVLVSFSTIKEYEK  
\*\*\*\*\*  
SEQ ID NO:7 121 SSEGALYILEIVTIVVFGVEYFVRIWAAGCCCRYRGWRGRLKFARKPFCVIDIMVLIASI  
SEQ ID NO:2 121 SSEGALYILEIVTIVVFGVEYFVRIWAAGCCCRYRGWRGRLKFARKPFCVIDIMVLIASI  
SEQ ID NO:4 121 SSEGALYILEIVTIVVFGVEYFVRIWAAGCCCRYRGWRGRLKFARKPFCVIDIMVLIASI  
SEQ ID NO:6 121 SSEGALYILEIVTIVVFGVEYFVRIWAAGCCCRYRGWRGRLKFARKPFCVIDIMVLIASI  
\*\*\*\*\*  
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SEQ ID NO:4 181 AVLAAGSQGNVFATSALRSLRFLQILRMIRMDRRGGTWKLLGSSVYAH SKELVTAWYIGF  
SEQ ID NO:6 181 AVLAAGSQGNVFATSALRSLRFLQILRMIRMDRRGGTWKLLGSSVYAH SKELVTAWYIGF  
\*\*\*\*\*  
SEQ ID NO:7 241 LCLILASFLVYLAEKGEN DHFDTYADALWWGLITLTTIGYGD KYPQTWNGRLLAATFTLI  
SEQ ID NO:2 241 LCLILASFLVYLAEKGEN DHFDTYADALWWGLITLTTIGYGD KYPQTWNGRLLAATFTLI  
SEQ ID NO:4 241 LCLILASFLVYLAEKGEN DHFDTYADALWWGLITLTTIGYGD KYPQTWNGRLLAATFTLI  
SEQ ID NO:6 241 LCLILASFLVYLAEKGEN DHFDTYADALWWGLITLTTIGYGD KYPQTWNGRLLAATFTLI  
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SEQ ID NO:4 301 GVSFFALPAGILGSGFALKVQE QHRQKHFEKRRNPAAGLIQSAWRFYATNLSRTDLHSTW  
SEQ ID NO:6 301 GVSFFALPAGILGSGFALKVQE QHRQKHFEKRRNPAAGLIQSAWRFYATNLSRTDLHSTW  
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SEQ ID NO:4 361 QYYERTVTVP MYSSQTQTYGASRLI PPLNQLELLRN LKSKSGLAFRKDPPPEPSG---  
SEQ ID NO:6 361 QYYERTVTVP MY-----RLI PPLNQLELLRN LKSKSGLAFRKDPPPEPSG---  
\*\*\*\*\*  
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SEQ ID NO:2 421 CRGPLCGCCPGRSSQKVS LKDRVFSSPRGVA AKGKGS PQAQTVRRSPSADQSLEDSPSKV  
SEQ ID NO:4 417 -----QKVS LKDRVFSSPRGVA AKGKGS PQAQTVRRSPSADQSLEDSPSKV  
SEQ ID NO:6 407 -----QKVS LKDRVFSSPRGVA AKGKGS PQAQTVRRSPSADQSLEDSPSKV  
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SEQ ID NO:7 481 PKSWSFGDRSRARQAFRIKGAASRQNSEEASLPGEDIVDDKSCPCFEVTE DLTPGLKVS I  
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SEQ ID NO:4 463 PKSWSFGDRSRARQAFRIKGAASRQNSEEASLPGEDIVDDKSCPCFEVTE DLTPGLKVS I  
SEQ ID NO:6 453 PKSWSFGDRSRARQAFRIKGAASRQNSEEASLPGEDIVDDKSCPCFEVTE DLTPGLKVS I  
\*\*\*\*\*  
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SEQ ID NO:2 541 RAVCVMRFLVSKRKFKESLRPYDVM DVIEQYSAGHLDMLSRIKSLQSRVDQIVGRGPAIT  
SEQ ID NO:4 523 RAVCVMRFLVSKRKFKESLRPYDVM DVIEQYSAGHLDMLSRIKSLQSRVDQIVGRGPAIT  
SEQ ID NO:6 513 RAVCVMRFLVSKRKFKESLRPYDVM DVIEQYSAGHLDMLSRIKSLQSRVDQIVGRGPAIT  
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SEQ ID NO:2 601 TGWASGKTPTVAHGGSAGGVWAGPPPHPRRPLSASVVSQS L F  
SEQ ID NO:4 583 TGWASGKTPTVAHGGSAGGVWAGPPPHPRRPLSASVVSQS L F  
SEQ ID NO:6 573 TGWASGKTPTVAHGGSAGGVWAGPPPHPRRPLSASVVSQS L F  
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SEQ ID NO:7 661 AKEPEPAPPYHSPEDSREHVDRHG CIVKIVRSSSSTGQKNFSAPPAAPPVQCPPSTSWQP  
SEQ ID NO:2 -----  
SEQ ID NO:4 -----  
SEQ ID NO:6 -----  
SEQ ID NO:7 721 QSHPRQGHGTSFVG D HGS LVRIPPPPAHERSL SAYGGGNRASMEFLRQEDTPGCRPPEGN  
SEQ ID NO:2 -----  
SEQ ID NO:4 -----  
SEQ ID NO:6 -----

SEQ ID NO:7 781 LRSDTSSISIPSDHEELERSFSGFSISQSKENLDALNSCYAAVAPCAKVRPYIAEGESD  
SEQ ID NO:2 -----  
SEQ ID NO:4 -----  
SEQ ID NO:6 -----

SEQ ID NO:7 841 TDSDLCTPCGPPPRSATGEGPFGDVGWAGPRK  
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SEQ ID NO:6 -----

Fig. 1B

Figure 2

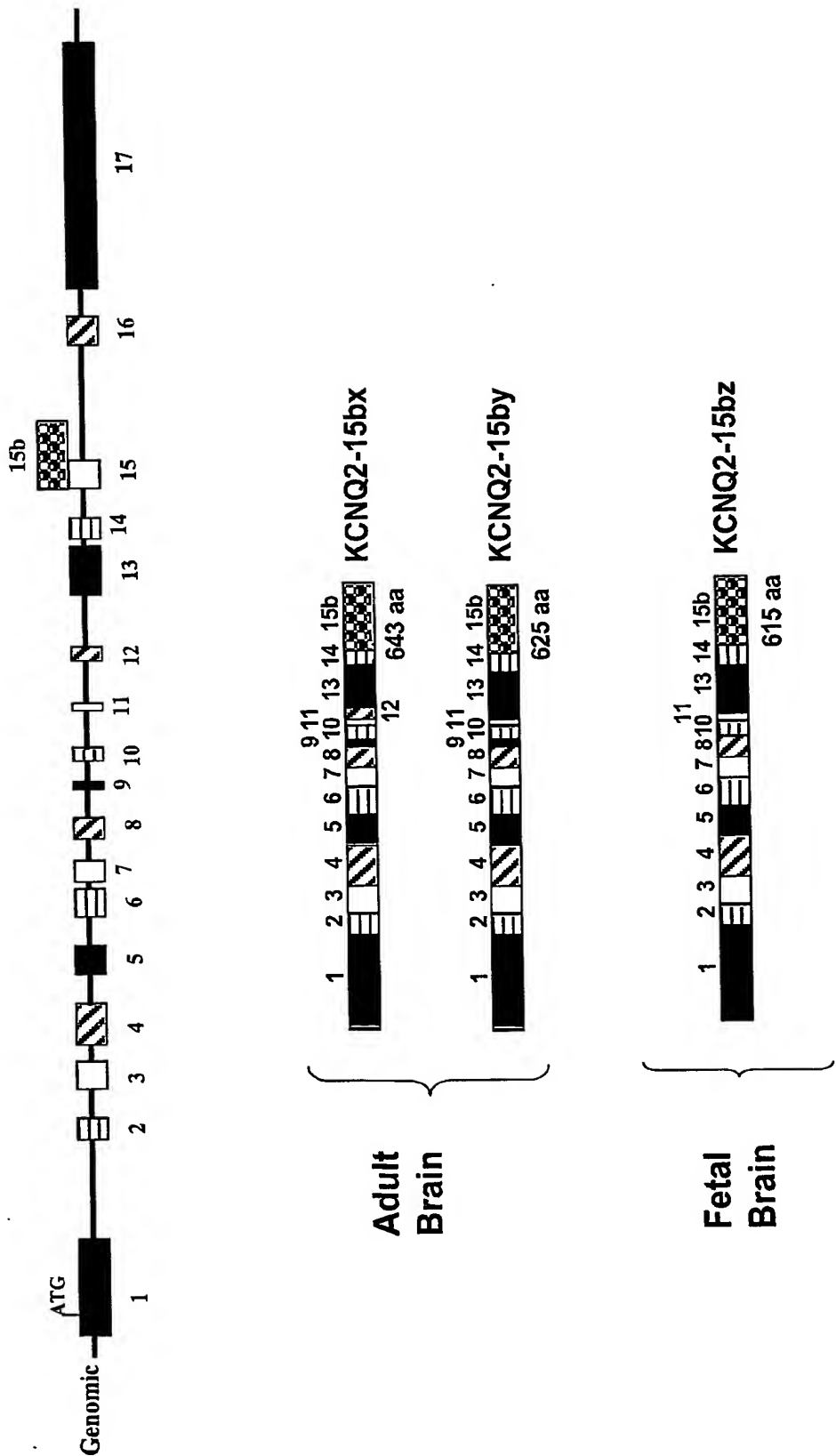


Figure 3

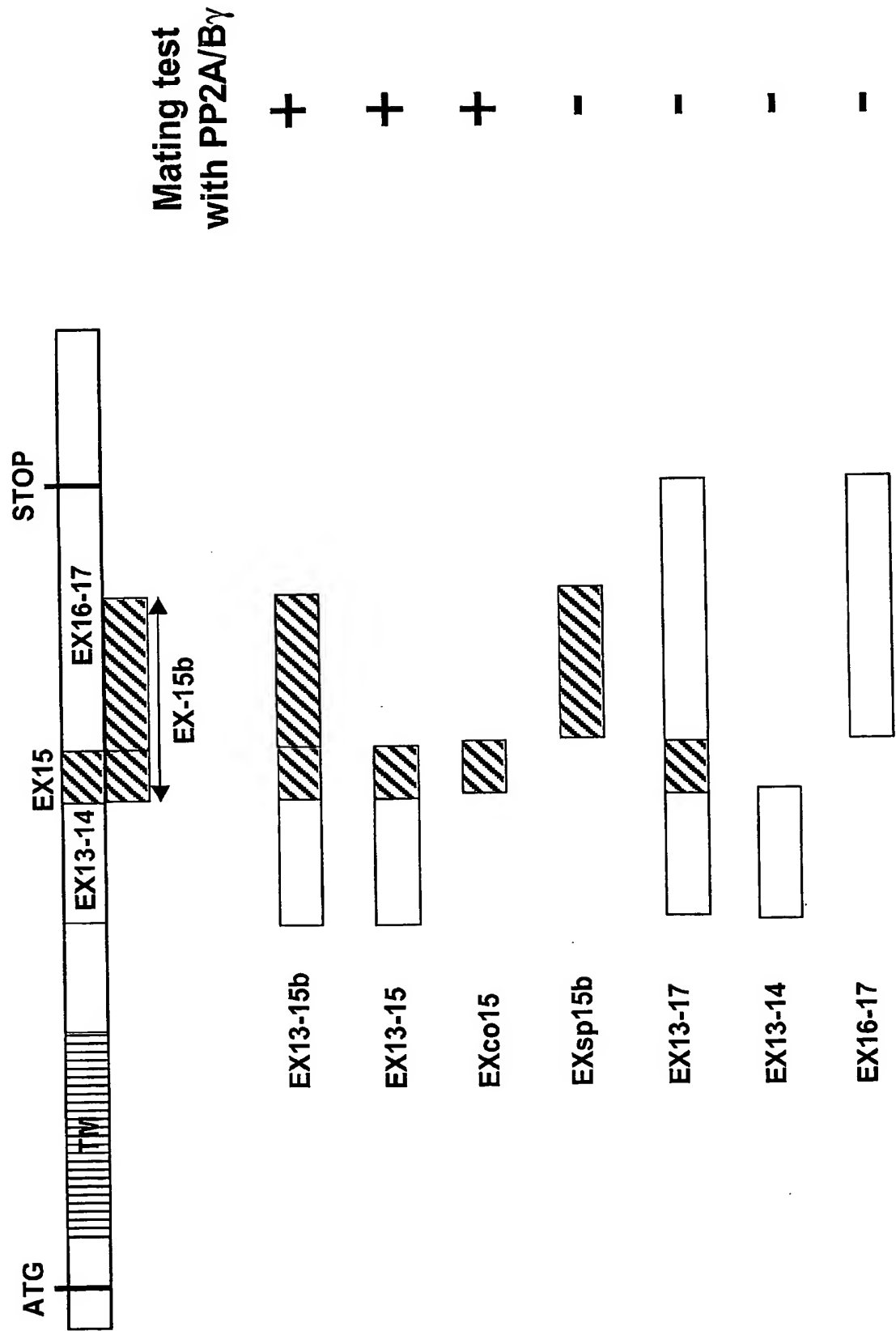
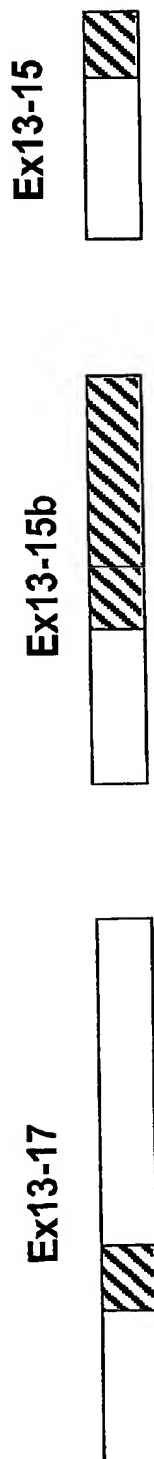


Figure 4



Ex 13-17	Ex-13-15b	Ex 13-15
Ex 13-17	- / +	- / +
Ex 13-15b	++	++
Ex 13-15	-	+

Figure 5

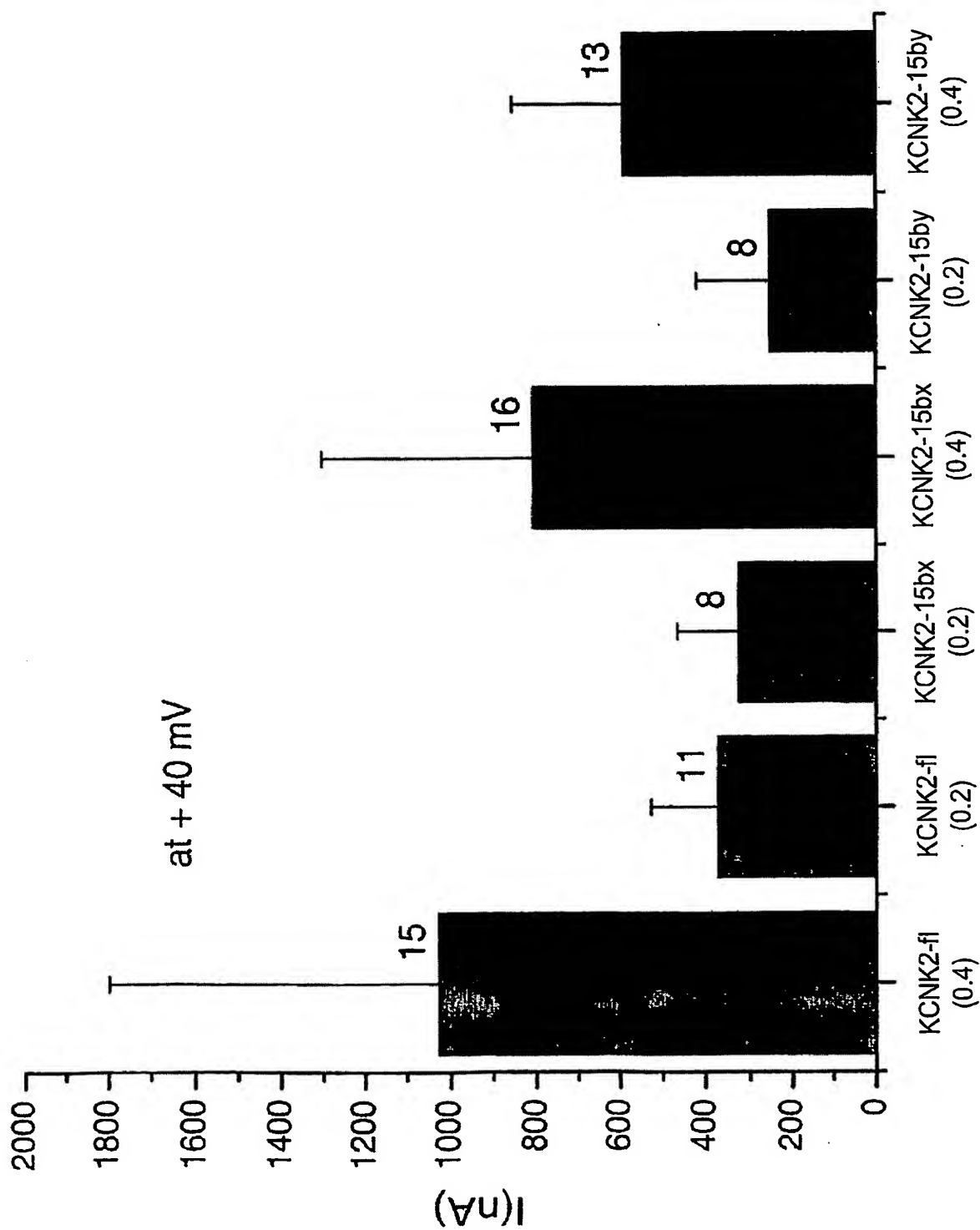
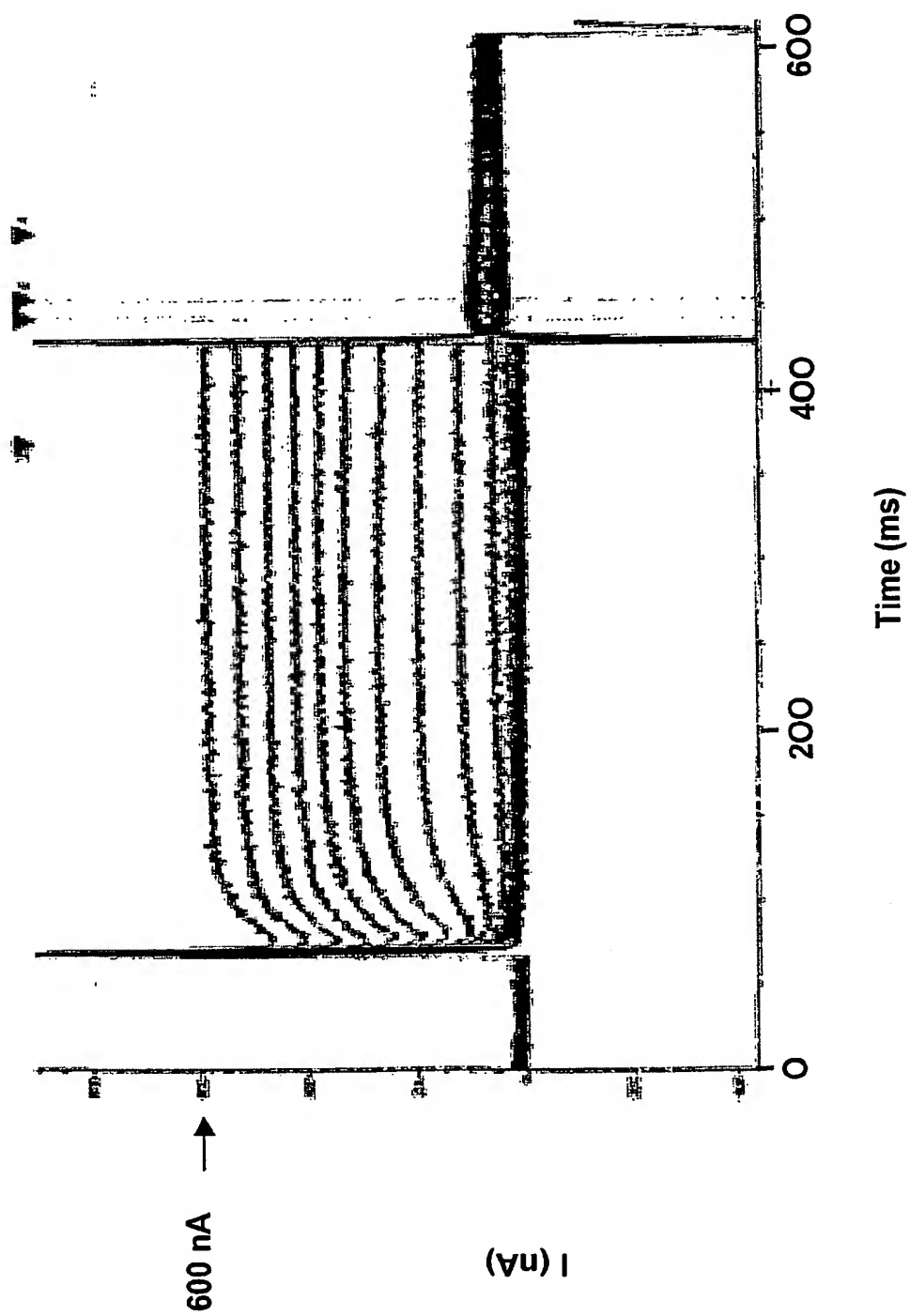


Figure 6A



**Figure 6B**